ABSTRACT

Antistatic yarns, fabrics and carpets incorporating such antistatic yarns, and fiber blends for making such antistatic yarns are disclosed wherein the antistatic yarns are formed such that at least about 35 percent by weight of the staple fibers present are conductive staple fibers, quasi-conductive staple fibers, or mixtures of conductive and quasi-conductive staple fibers. Conductive staple fibers may include metal staple fibers, metal-coated non-conductive polymer staple fibers, carbon-loaded polymer staple fibers, polymer staple fibers loaded with antimony-doped tin oxide, conductive polymer solution-coated non-conductive polymer staple fibers, inherently-conductive polymer staple fibers, and bicomponent staple fibers. Quasi-conductive staple fibers may include bicomponent quasi-conductive staple fibers. Continuous fibers and non-conductive staple fibers may also be present.

H: 388368(8B_001!.DOC)